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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/593,361	06/14/2000	David A. Monroe	081829.000025	8359

7590 11/19/2003
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Jackson Walker LLP
112 E Pecan Street
Suite 2100
San Antonio, TX 78205

EXAMINER

BUGG, GEORGE A

ART UNIT	PAPER NUMBER
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2613

DATE MAILED: 11/19/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/593,361

Applicant(s)

MONROE, DAVID A.

Examiner

George A Bugg

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Period for Reply
The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 03 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) 34-40 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12, 32 and 33 is/are rejected.
- 7) ☒ Claim(s) 13-31 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of claims 1-33 in Paper No. 8 is acknowledged. This Restriction is made final.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-12, 32, and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent No. 6,392,692 B1 to Monroe, in view of US Patent No. 5,949,476 to Pocock et al.
4. With regard to claim 1, Applicant claims **"A digital security camera capable of generating and transmitting digital high resolution image signals in both a full motion video format and a still image frame format."** Col. 10, Lines 53-56, of the Monroe reference teach a security system. Col. 11, Lines 53-60, further state that a digital camera may be used, and that the camera is capable of capturing full motion or still frame images. Next Applicant claims **"an image transducer"**. A transducer is

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defined as a device, which transforms one form of energy into another form. In this case, Monroe discloses, Col. 11, Lines 53-60, that the camera is capable of converting analog to digital. Furthermore, most security cameras convert image data into electrical signal for transmission purposes. Applicant further claims **a motion video compressor and a still frame compressor, associated with the image transducer for compressing and generating compressed signals of full motion and still frame image data respectively.** Again, attention is drawn to Col. 11, Lines 53-60, wherein Monroe states that the camera may utilize internal compression, and that full motion and still image data can be captured by the camera. Furthermore, Col. 12, Lines 56-67, wherein Monroe discloses the need for images captured by cameras to be compatible with the ground station. He further states that video may be transmitted in the NTSC format. By definition, and as disclosed by Pocock in Col. 2, Lines 36-40, NTSC is produced by multiplexing still frame images and motion video images into a sequence of images for transmission, therefore, meeting the cited limitations. In addition, **the multiplexer, for merging still and motion video into a single signal,** as further claimed, is also met. Lastly, claim 1 calls for **“a processor associated with the multiplexer for generating a conditioned output image signal suitable for transmission over a network; and network gateway.”** As further disclosed by Monroe, in Col. 12, Lines 56-67, digital transmission may be accomplished by placing converters, or processors, at the camera transmitting unit, for transmitting over wireless digital systems, such as LAN and W-LAN. LAN and W-LAN are in fact networks. Therefore, it would have been obvious to one of ordinary skill in the art to combine the

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teachings of Monroe and Pocock, at the time the invention was made, for the purpose of creating more robust surveillance system.

5. As for claim 2, Applicant claims **“a compressed still frame image data signal of higher resolution than the compressed full motion video image data signal.”** In Col. 12, Lines 22-39, Monroe discloses the ability to reduce bandwidth by utilizing known compression techniques. Therefore, resolution variation is possible.

6. With regard to claim 3, Col. 4, Lines 59-64 Monroe states that the cameras of the system may be activated by data provided by a GPS system.

7. With regard to claims 4 and 6, Applicant claims an **“event detector”**. Col. 15, Lines 61-64, of Monroe disclose, that each camera of the system may utilize a motion sensor, which is synonymous with an event detector, to activate the system.

8. As for claim 5, a manually operated switch is not patentably significant. (Official Notice)

9. As for claims 7-10, Col. 16, Lines 64-67, of Monroe disclose smoke detectors, audio sensors, and motion sensors. As previously mentioned, manual switches are well known, and not patentable.

10. As for claim 11, Figures 2a and 2b shows wireless receivers and transmitters.

11. With regard to claim 12, Figure 13 shows the use of multiple image sensors, or transducers, and two multiplexers, one for combining the image data, and one for combining all multiplexed data into one signal, as further explained in Col. 22, Lines 16-33.

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12. As for claims 32 and 33, Col. 12, Lines 22-40, disclose the use MPEG and JPEG algorithms for full motion compression.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George A Bugg whose telephone number is (703) 305-2329. The examiner can normally be reached on Monday-Thursday 7:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher S Kelley can be reached on (703) 305-4856. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

George A Bugg
Examiner
Art Unit 2613

GAB

November 17, 2003


CHRIS KELLEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600